UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/541,266	06/30/2005	Jan Hoogerbrugge	NL02 1410 US	6282

65913   7590   06/04/2008
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EXAMINER
TSAI, SHENG JEN

ART UNIT	PAPER NUMBER
2186	

NOTIFICATION DATE	DELIVERY MODE
06/04/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ip.department.us@nxp.com

	Application No.	Applicant(s)
Advisory Action ***Before the Filing of an Appeal Brief***	*10/541,266*	HOOGERBRUGGE, JAN
	Examiner	**Art Unit**	
	SHENG-JEN TSAI	2186	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED <u>21 May 2008</u> FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

  a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.

  b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

    Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

<u>NOTICE OF APPEAL</u>

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

<u>AMENDMENTS</u>

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will <u>not</u> be entered because

  (a)☐ They raise new issues that would require further consideration and/or search (see NOTE below);

  (b)☐ They raise the issue of new matter (see NOTE below);

  (c)☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

  (d)☐ They present additional claims without canceling a corresponding number of finally rejected claims.

    NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): _____.

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

  The status of the claim(s) is (or will be) as follows:

  Claim(s) allowed: _____.

  Claim(s) objected to: _____.

  Claim(s) rejected: *1-15 and 17-25*.

  Claim(s) withdrawn from consideration: _____.

<u>AFFIDAVIT OR OTHER EVIDENCE</u>

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will <u>not</u> be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will <u>not</u> be entered because the affidavit or other evidence failed to overcome <u>all</u> rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

<u>REQUEST FOR RECONSIDERATION/OTHER</u>

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: <u>see below.</u>

12. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____

13. ☐ Other: _____.

/Matt Kim/
Supervisory Patent Examiner, Art Unit 2186

/Sheng-Jen Tsai/
PSA Examiner, Art Unit 2186

Applicant contends that, regarding claim 1, the Margo reference (US 6,151,658) fails to teach the limitation "if yes, compare said first write data with second write data of an earlier write request in said register." The Examiner disagrees.

As presented in the Office Action mailed on 3/21/2008, the Examiner pointed out that Margo teaches the cited limitation as follows:

[If the input write address is "related" to an address present in the address store, the content addressable memory detects an address hit. The indication of an address hit is produced to the write buffer controller which signals the data store to store the input write data in the rank of the data store associated with the "related" address detected by the content addressable memory. If the input write data does not overlap the valid portion of the data previously stored in the rank associated with the "related" address, the store operation results in write merging. If the input write data overlaps the valid portion of the data previously stored in the rank associated with the rank associated with the "related" address, the store operation results in write collapsing. The write buffer thus eliminates the need to allocate a new rank to store write data when an input write address is "related" to an address present in the address store (column 2, lines 30-46)].

Significantly, Margo explicitly teaches that "If the input write data does not overlap the valid portion of the data previously stored in the rank associated with the "related" address, the store operation results in write merging. If the input write data overlaps the valid portion of the data previously stored in the rank associated with the rank associated with the "related" address, the store operation results in write collapsing."

Note that whether it is a "write merging" or a "write collapsing" depends on "if the input write data overlaps the valid portion of the data previously stored in the rank," and it is inherent that the input write data and the previous stored data be compared in order to determine whether there is any overlap between them at all.

Thus Margo clearly teaches the cited limitation.

Therefore, the Examiner's position regarding the patentability of all claims remains the same as stated in the previous Office Action.